Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110724\
Data File : VU061529.D
Acq On : 07 Nov 2024 18:44
Operator : MD/SY
Sample : P4743-13
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Nov 08 00:31:33 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 08 00:26:16 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	136197	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	129870	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	56776	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	52174	5.639	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 112.800%			
7) Chloroethane-d5	1.908	69	43662	5.148	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 103.000%			
11) 1,1-Dichloroethene-d2	2.557	65	20777	5.249	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 105.000%			
20) 2-Butanone-d5	4.644	46	121368	64.612	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 129.220%			
24) Chloroform-d	5.052	84	97530	5.554	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 111.000%			
26) 1,2-Dichloroethane-d4	5.695	65	52055	5.947	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 119.000%			
32) Benzene-d6	5.718	84	207078	5.659	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 113.200%			
36) 1,2-Dichloropropane-d6	6.682	67	63779	5.797	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 116.000%			
41) Toluene-d8	7.891	98	182647	5.338	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.800%			
43) trans-1,3-Dichloroprop...	8.174	79	19327	4.304	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.000%			
46) 2-Hexanone-d5	8.628	63	105011	57.091	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 114.180%			
56) 1,1,2,2-Tetrachloroeth...	10.746	84	48353	5.812	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 116.200%			
66) 1,2-Dichlorobenzene-d4	12.187	152	60984	6.066	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 121.400%#			
Target Compounds						Qvalue
5) Vinyl chloride	1.596	62	577056	54.814	ug/L	100
12) 1,1-Dichloroethene	2.567	96	1538	0.191	ug/L #	1
15) Methyl Acetate	3.030	43	1960	0.665	ug/L #	47
16) Methylene chloride	3.036	84	1722	0.181	ug/L	81
17) Methyl tert-butyl Ether	3.358	73	102387	4.692	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	13195	1.482	ug/L	93
19) 1,1-Dichloroethane	3.859	63	8993	0.536	ug/L	97
22) cis-1,2-Dichloroethene	4.653	96	571618	56.204	ug/L	100
30) Cyclohexane	5.380	56	1520	0.095	ug/L	92
33) Benzene	5.769	78	15692	0.391	ug/L	100
34) Trichloroethene	6.541	95	3723	0.341	ug/L	93
35) Methylcyclohexane	6.682	83	14734	0.847	ug/L #	22
37) 1,2-Dichloropropane	6.682	63	6820	0.670	ug/L #	89
61) 1,2,3-Trichloropropane	11.804	75	7379	1.305	ug/L #	67

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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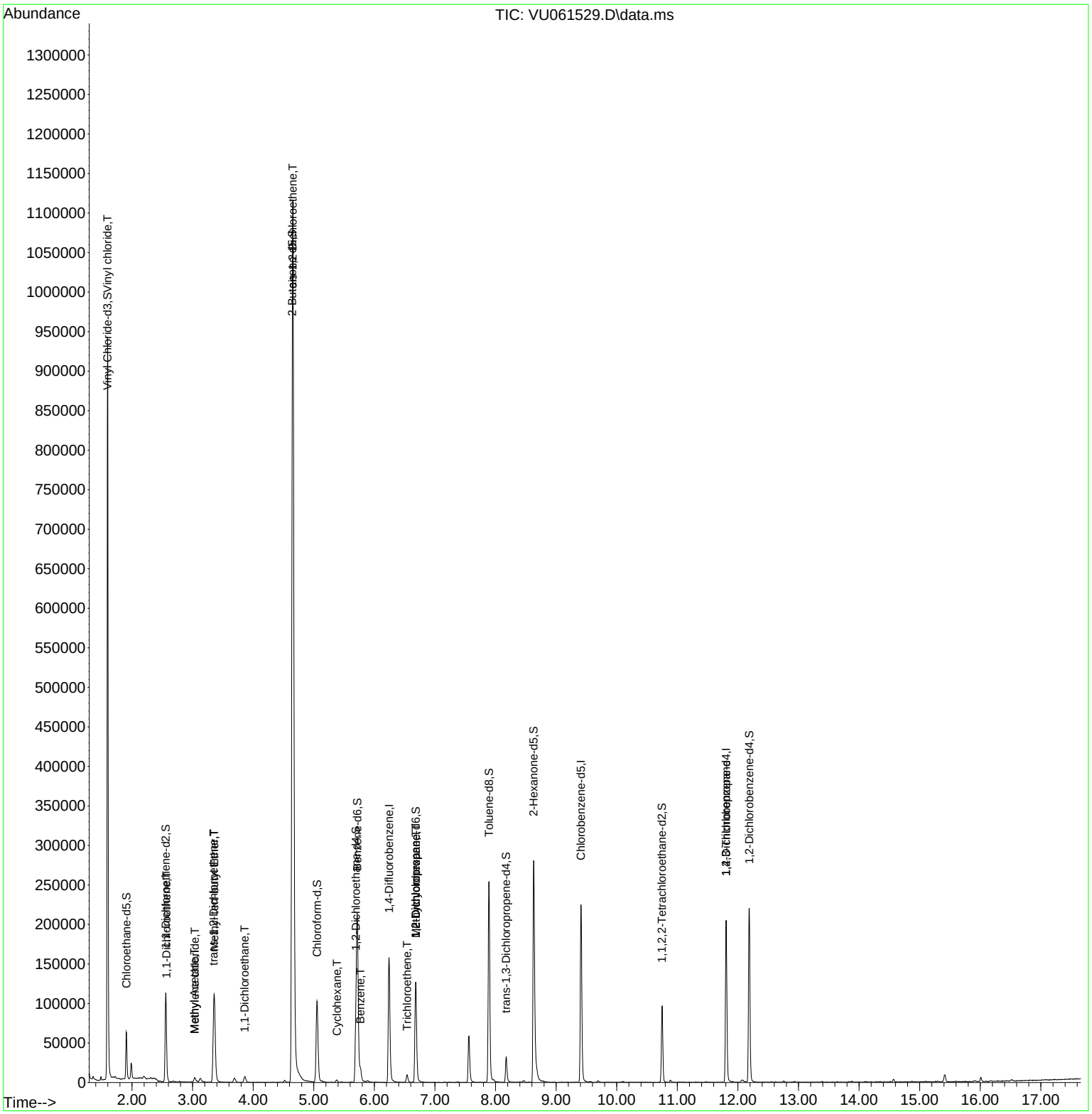
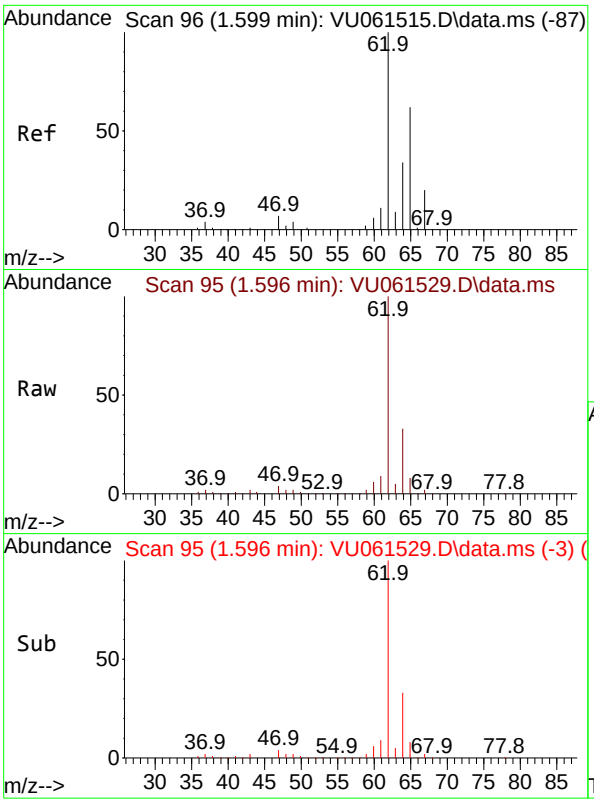


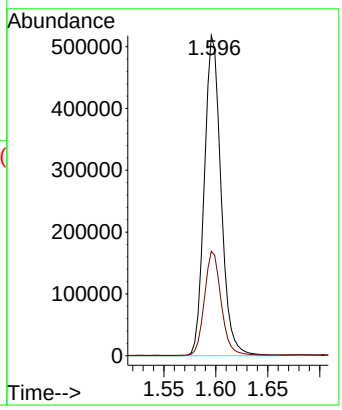


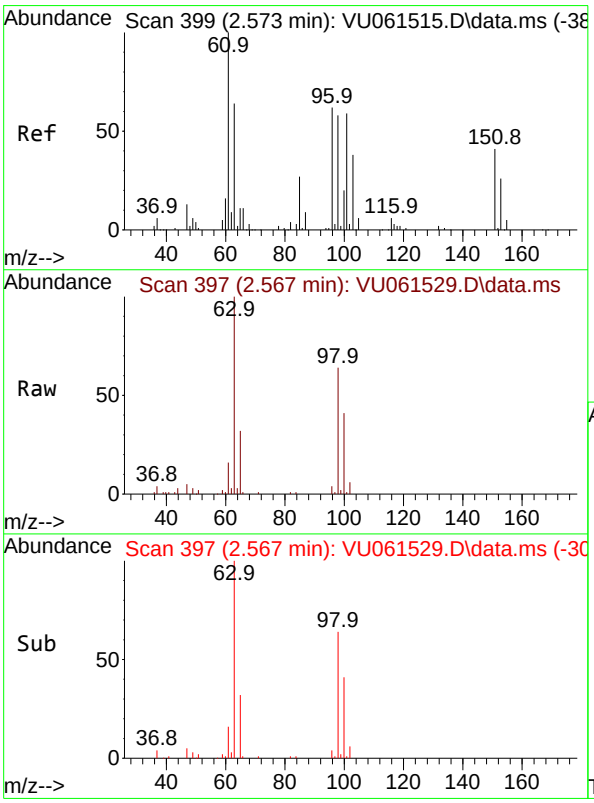
#5
Vinyl chloride
Concen: 54.814 ug/L
RT: 1.596 min Scan# 9
Delta R.T. -0.003 min
Lab File: VU061529.D
Acq: 07 Nov 2024 18:44

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 577056

Ion	Ratio	Lower	Upper
62	100		
64	32.6	22.6	42.0

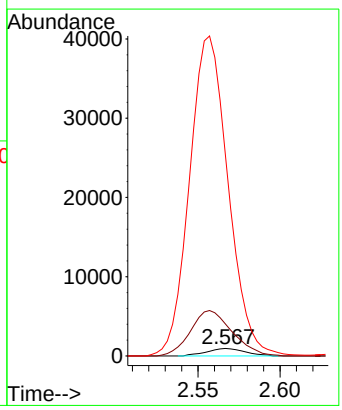


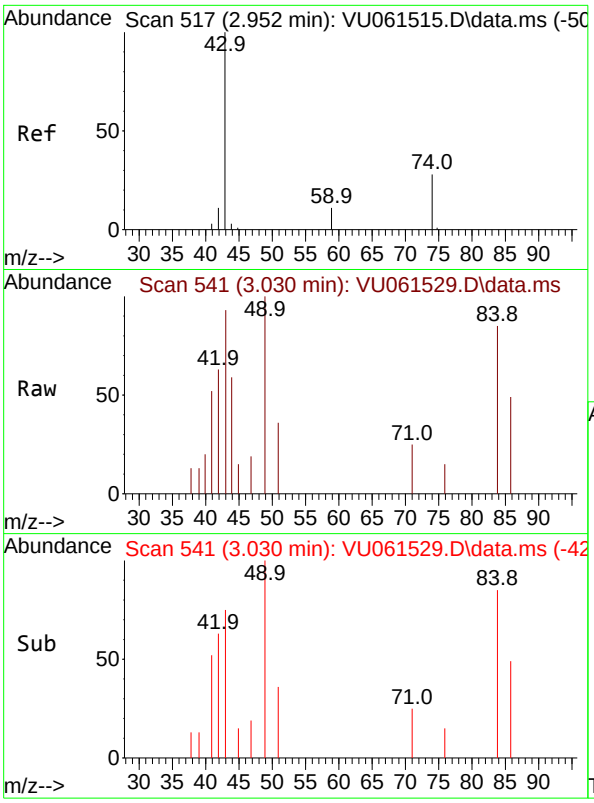


#12
1,1-Dichloroethene
Concen: 0.191 ug/L
RT: 2.567 min Scan# 397
Delta R.T. -0.006 min
Lab File: VU061529.D
Acq: 07 Nov 2024 18:44

Tgt Ion: 96 Resp: 1538

Ion	Ratio	Lower	Upper
96	100		
61	429.5	119.1	221.1#
63	2694.2	89.4	166.0#



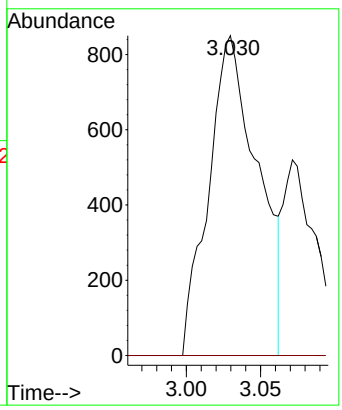


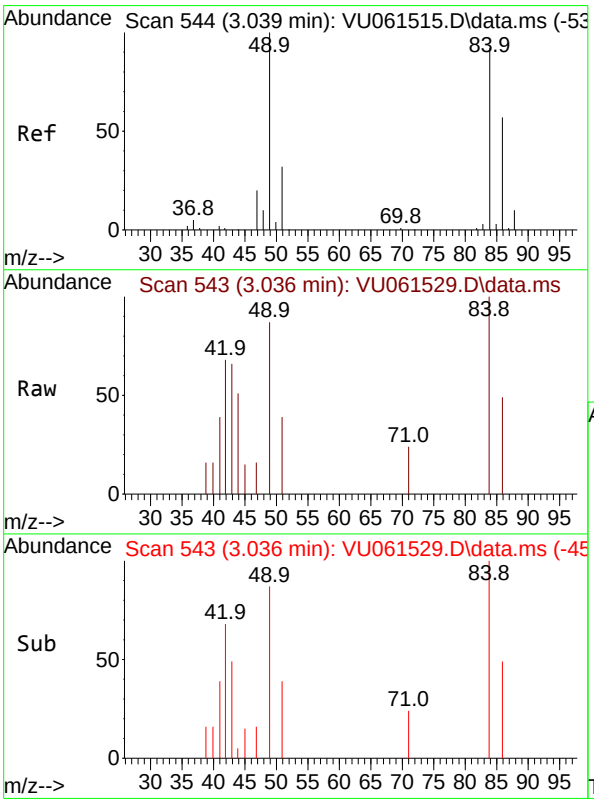
#15
Methyl Acetate
Concen: 0.665 ug/L
RT: 3.030 min Scan# 54
Delta R.T. 0.077 min
Lab File: VU061529.D
Acq: 07 Nov 2024 18:44

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 1960

Ion	Ratio	Lower	Upper
43	100		
74	0.0	22.2	33.4#

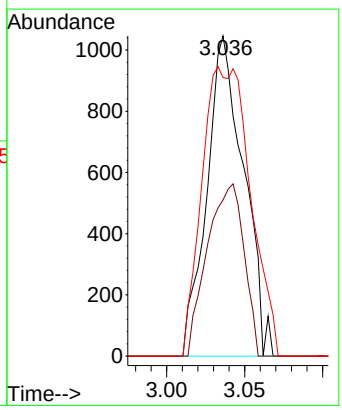


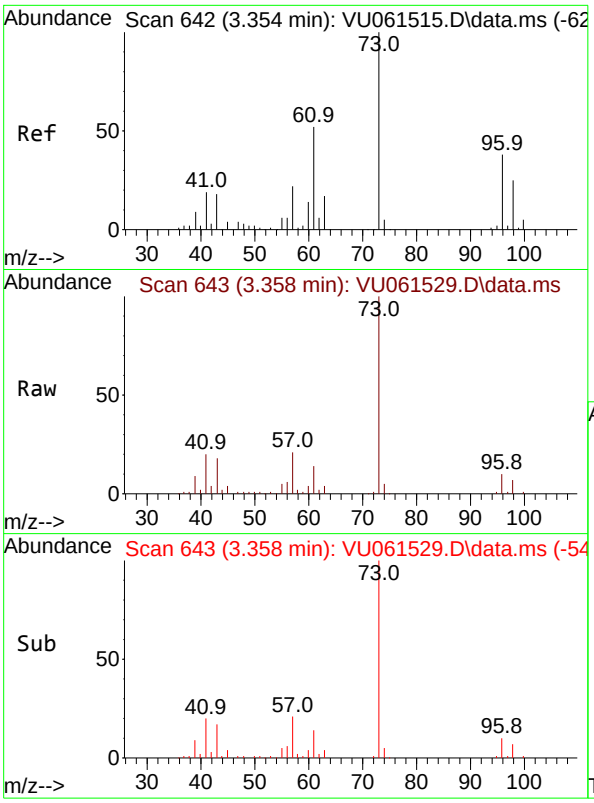


#16
Methylene chloride
Concen: 0.181 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.003 min
Lab File: VU061529.D
Acq: 07 Nov 2024 18:44

Tgt Ion: 84 Resp: 1722

Ion	Ratio	Lower	Upper
84	100		
86	48.8	43.5	80.7
49	87.0	75.7	140.7



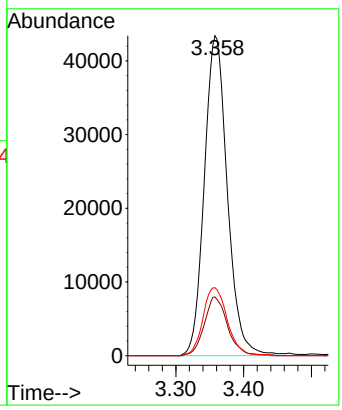


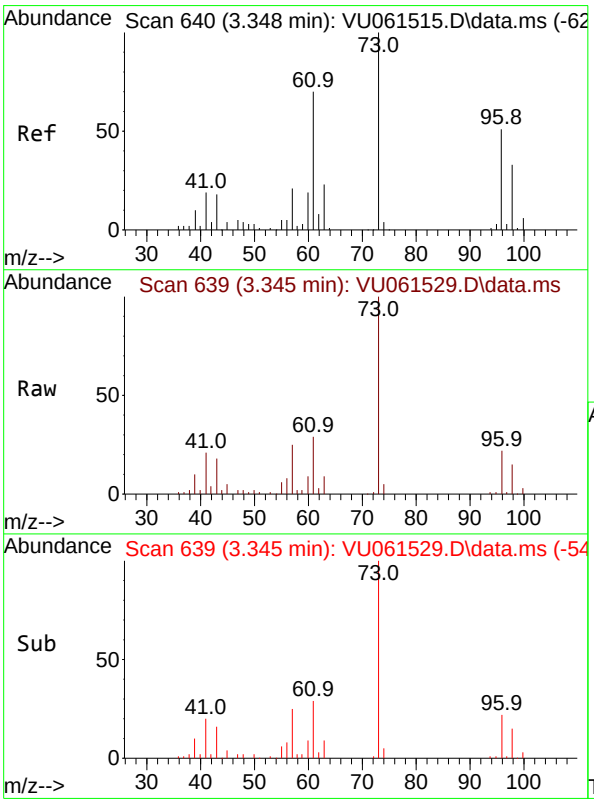
#17
Methyl tert-butyl Ether
Concen: 4.692 ug/L
RT: 3.358 min Scan# 64
Delta R.T. 0.003 min
Lab File: VU061529.D
Acq: 07 Nov 2024 18:44

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 73 Resp: 102387

Ion	Ratio	Lower	Upper
73	100		
43	18.5	15.0	22.4
57	22.5	17.0	25.6

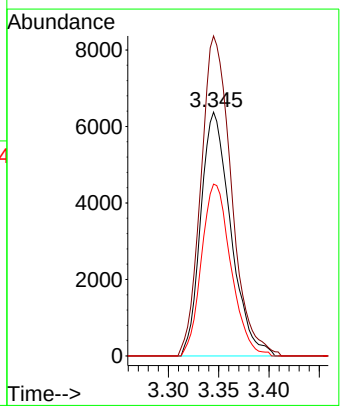


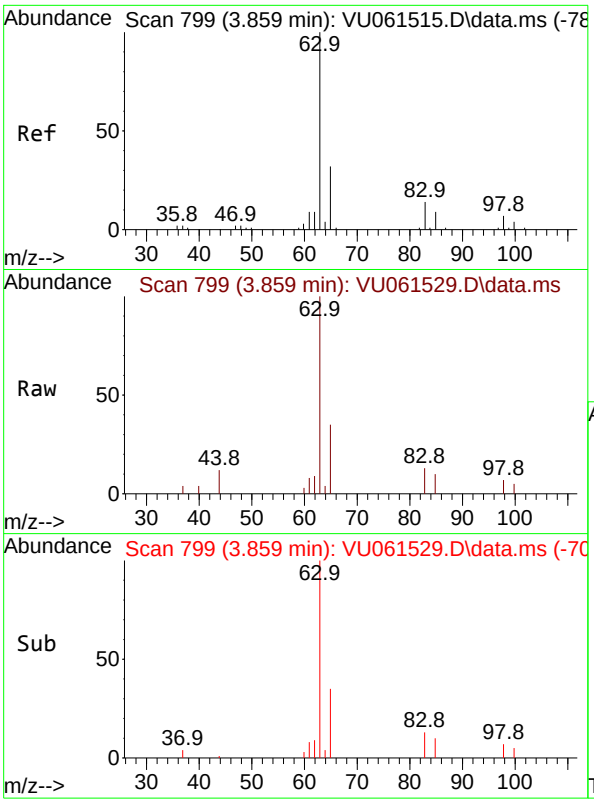


#18
trans-1,2-Dichloroethene
Concen: 1.482 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.003 min
Lab File: VU061529.D
Acq: 07 Nov 2024 18:44

Tgt Ion: 96 Resp: 13195

Ion	Ratio	Lower	Upper
96	100		
61	131.3	97.9	181.7
98	70.5	46.2	85.8



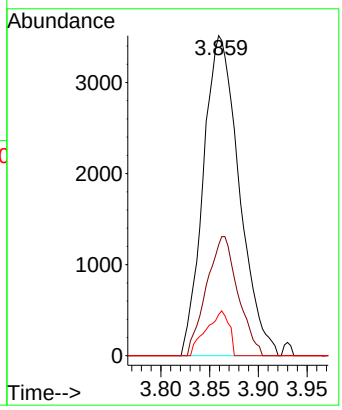


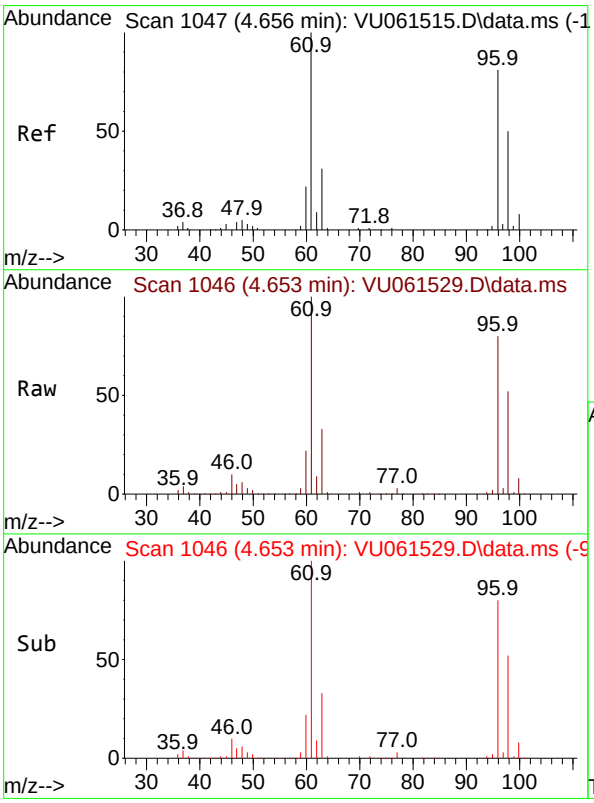
#19
1,1-Dichloroethane
Concen: 0.536 ug/L
RT: 3.859 min Scan# 7
Delta R.T. 0.000 min
Lab File: VU061529.D
Acq: 07 Nov 2024 18:44

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 8993

Ion	Ratio	Lower	Upper
63	100		
65	34.7	23.0	42.6
83	12.9	9.7	17.9

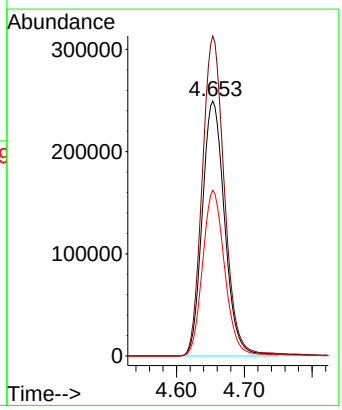


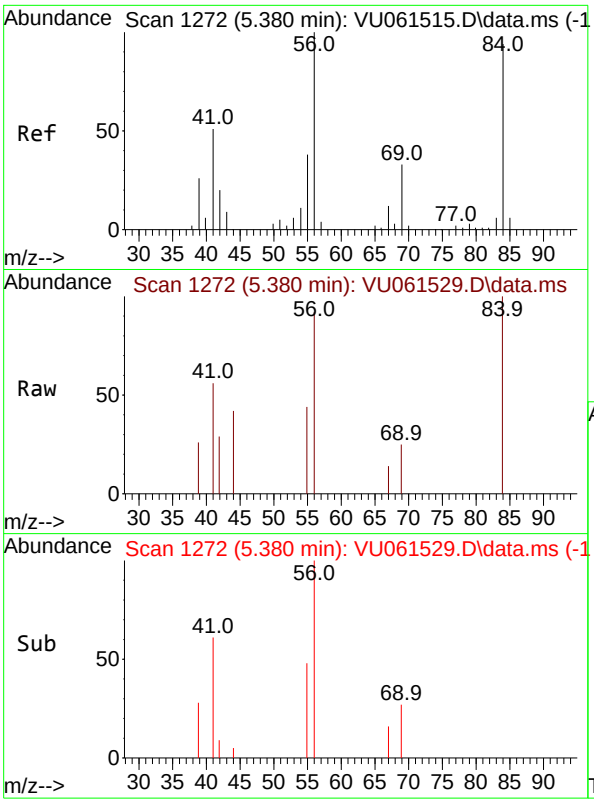


#22
cis-1,2-Dichloroethene
Concen: 56.204 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. -0.003 min
Lab File: VU061529.D
Acq: 07 Nov 2024 18:44

Tgt Ion: 96 Resp: 571618

Ion	Ratio	Lower	Upper
96	100		
61	125.5	88.1	163.5
98	64.9	45.0	83.6



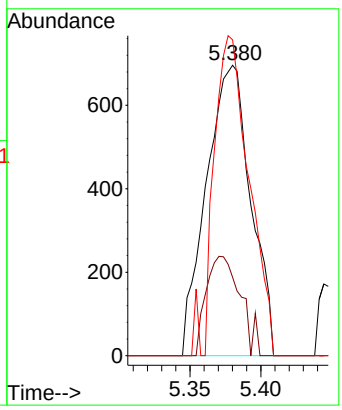


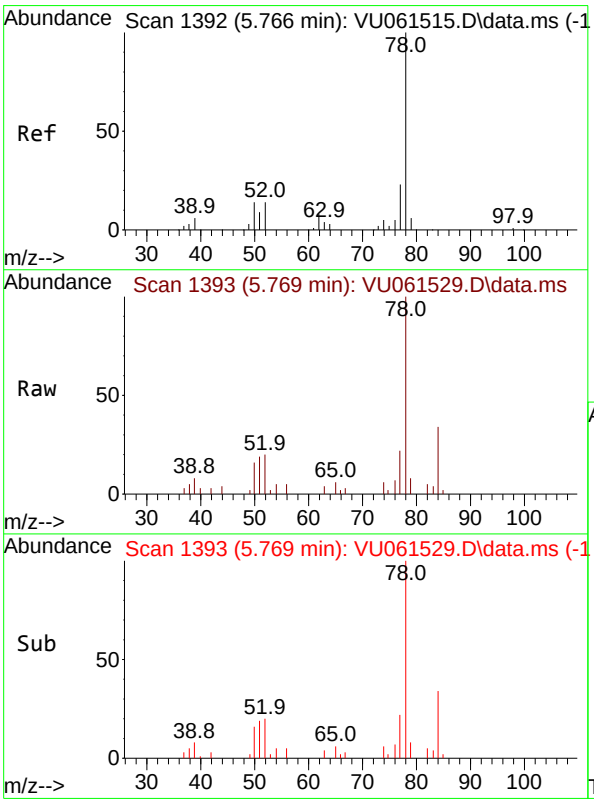
#30
Cyclohexane
Concen: 0.095 ug/L
RT: 5.380 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU061529.D
Acq: 07 Nov 2024 18:44

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 56 Resp: 1520

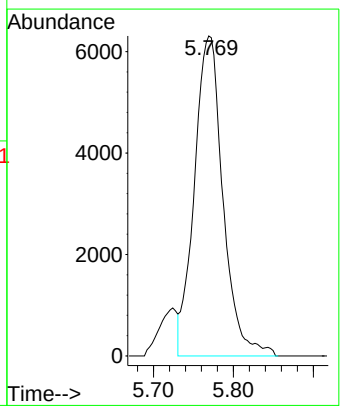
Ion	Ratio	Lower	Upper
56	100		
69	26.4	25.8	38.6
84	85.1	73.9	110.9

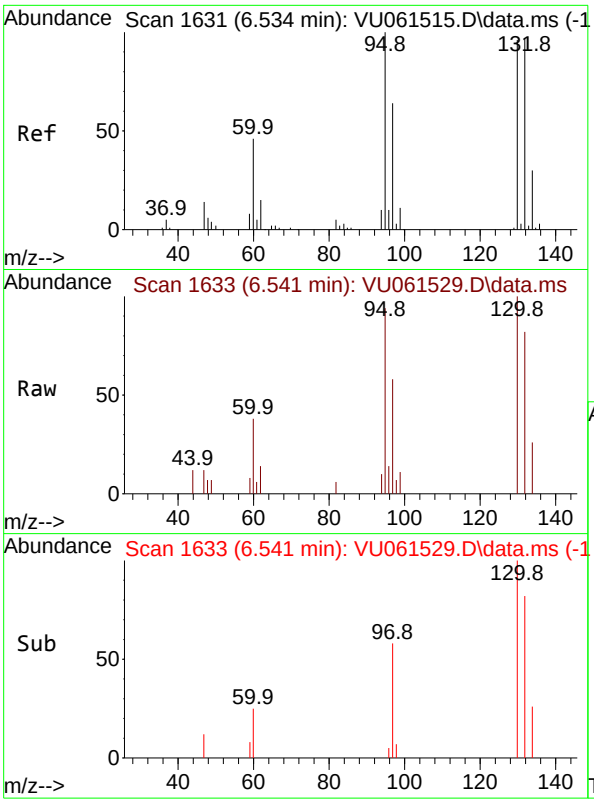




#33
Benzene
Concen: 0.391 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.003 min
Lab File: VU061529.D
Acq: 07 Nov 2024 18:44

Tgt Ion: 78 Resp: 15692



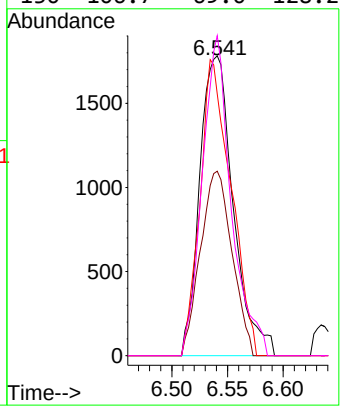


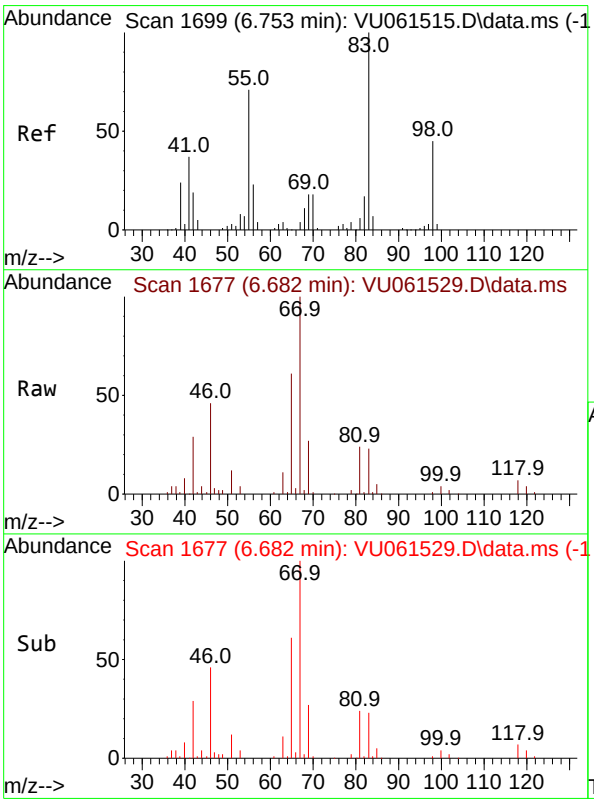
#34
Trichloroethene
Concen: 0.341 ug/L
RT: 6.541 min Scan# 1
Delta R.T. 0.007 min
Lab File: VU061529.D
Acq: 07 Nov 2024 18:44

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 3723

Ion	Ratio	Lower	Upper
95	100		
97	61.6	46.1	85.7
132	87.3	66.1	122.7
130	106.7	69.0	128.2

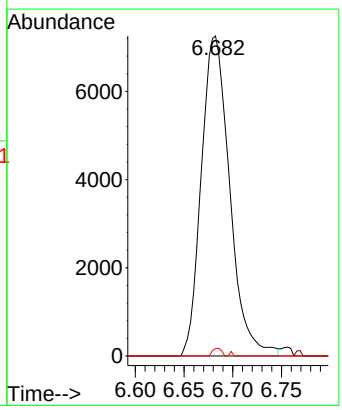


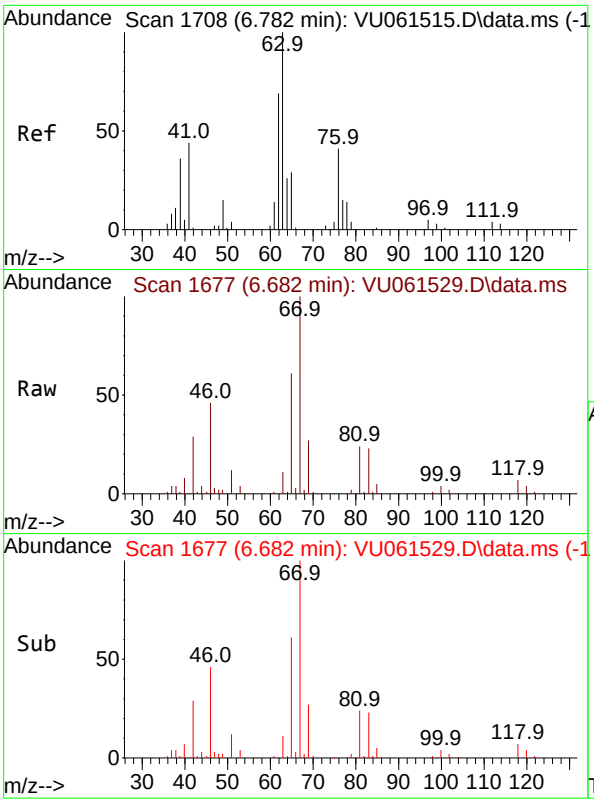


#35
Methylcyclohexane
Concen: 0.847 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.071 min
Lab File: VU061529.D
Acq: 07 Nov 2024 18:44

Tgt Ion: 83 Resp: 14734

Ion	Ratio	Lower	Upper
83	100		
55	0.0	55.9	83.9#
98	0.8	35.9	53.9#



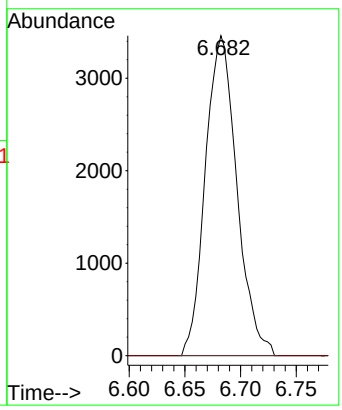


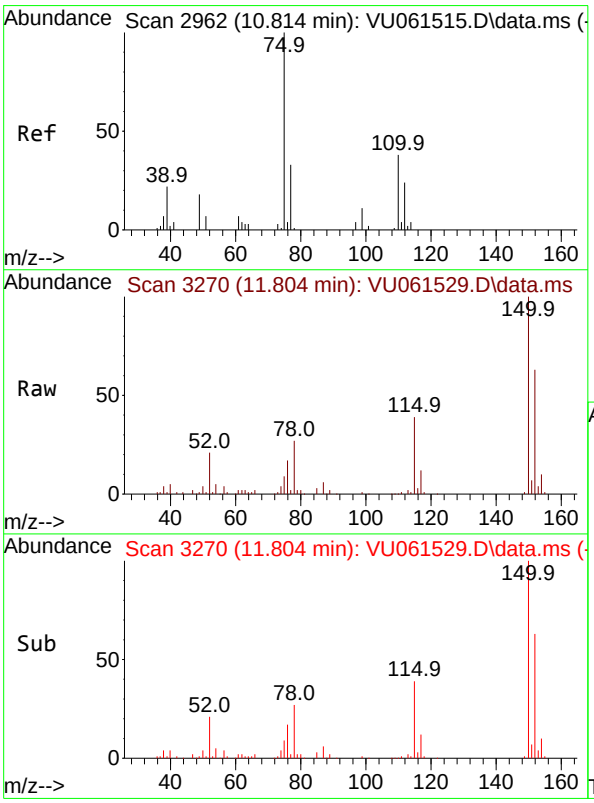
#37
1,2-Dichloropropane
Concen: 0.670 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.099 min
Lab File: VU061529.D
Acq: 07 Nov 2024 18:44

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 6820

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.4#





#61
1,2,3-Trichloropropane
Concen: 1.305 ug/L
RT: 11.804 min Scan# 3270
Delta R.T. 0.991 min
Lab File: VU061529.D
Acq: 07 Nov 2024 18:44

Tgt Ion: 75 Resp: 7379

Ion	Ratio	Lower	Upper
75	100		
110	0.6	28.8	43.2#
77	33.5	25.7	38.5